



**South Carolina Phytoplankton Monitoring Network  
Annual Refresher Course Jeopardy  
8/2003**

**Human Health Syndromes**

1. What does ASP stand for?
2. What is the distinguishing common symptom of Ciguatera Fish Poisoning?
3. What organism can cause Diarrhetic Shellfish Poisoning? (If you can name two, double points!)
4. What does NSP stand for?
5. What is the distinguishing common symptom for Amnesic Shellfish Poisoning?
6. What organism can cause Neurotoxic Shellfish Poisoning?

**Species Pronunciation**

1. *Pseudo-nitzschia*
2. *Chaetoceros*
3. *Akashiwo sanguinea*
4. *Protoperidinium*
5. *Prorocentrum micans*
6. *Coscinodiscus*

**NOAA**

1. What does NOAA stand for?
2. Name a service NOAA provides, other than that which relates to SCPMN.
3. Under which department in the U. S. Government is NOAA?
4. Name one NOAA vessel.
5. Where is the main NOAA office located?
6. On what VHF channel do you tune into for NOAA's weather services?

**SCPMN**

1. What does SCPMN stand for?
2. What are the two types of phytoplankton on our species list?
3. Who is the Director of SCPMN?
4. In what forms are the data available on the web site?
5. In what month and year was SCPMN established?
6. What service does SCPMN offer to the public besides monitoring?

**Structure**

1. What is a chloroplast?
2. Name one organism that forms a chain
3. Is *Coscinodiscus* a centric or pennate diatom?
4. What is a flagella?
5. Does *Chaetoceros* have horns or spines?
6. What is a theca?

**Phytoplankton Identification**

1. *Chaetoceros*
2. *Ceratium*
3. *Akashiwo sanguinea*
4. *Protoperidinium*
5. *Dinophysis*
6. *Odontella*



**South Carolina Phytoplankton Monitoring Network  
Annual Refresher Course Jeopardy (Answers)  
8/2003**

**Human Health Syndromes**

1. Amnesic Shellfish Poisoning
2. Reversal of temperature sensation
3. *Dinophysis* & *Prorocentrum*
4. Neurotoxic Shellfish Poisoning
5. Short-term Memory Loss
6. *Karenia brevis*

**Species Pronunciation**

1. *Pseudo-nitzschia*
2. *Chaetoceros*
3. *Akashiwo sanguinea*
4. *Protoperdinium*
5. *Prorocentrum micans*
6. *Coscinodiscus*

**NOAA**

1. National Oceanic and Atmospheric Administration
2. Satellites, Weather, Fisheries, Climate, Ocean, Research, Coasts, Navigation, and Charting
3. Department of Commerce
4. ALBATROSS IV, RONALD H. BROWN, DELAWARE II, NANCY FOSTER, MILLER FREEMAN, GORDON GUNTER, DAVID STARR JORDAN, KA'MIMOANA LITTLEHALES, OREGON II, RAINIER RUDE, OSCAR ELTON SETTE, WHITING
5. Washinton, D.C.
6. Channel dependant on where you live. Check your local area.

**SCPMN**

1. South Carolina Phytoplankton Monitoring Network
2. Dinoflagellates & Diatoms
3. Steve Morton
4. Raw Data and Monthly map layouts
5. January 2001
6. education/outreach

**Structure**

1. Plastid containing chlorophyll and other pigments; in plants that carry out photosynthesis
2. *Odontella*, *Chaetoceros*, *Rhizosolenia*, *Skeletonema*, *Stephanopyxis*, *Pseudo-nitzschia*
3. Centric
4. A long, thread or whiplike appendage that functions as an organ of locomotion
5. spines
6. A theca is a cell wall or housing made of cellulose associated with dinoflagellates

**Phytoplankton Identification**

1. *Chaetoceros*
2. *Ceratium*
3. *Akashiwo sanguinea*
4. *Protoperdinium*
5. *Dinophysis*
6. *Odontella*

